

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2010 Levee Inspection Results

Reclamation District No. 2107

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2107

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Left	2.37

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/25/2010 - 3/25/2010			
DWR Inspector	John Paasch			
Accompanied By	Robert Brown			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Left	2.37	03/25/2010 03/25/2010	John Paasch

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.03	0.03	Earthen Levee	Encroachments	LS	C	Debris Inspector Comments: Massive concrete cylinder located on levee slope.	37.787043 ° -121.308688 °	37.787043 ° -121.308688 °	14
2	0.03	0.03	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.786993 ° -121.308694 °	37.786993 ° -121.308694 °	1 Y
3	0.06	0.06	Earthen Levee	Encroachments	LS	C	Material Inspector Comments: Material placed at levee toe has been removed as part of Stewart Rd widening (Permit 18059)..	37.786514 ° -121.308513 °	37.786514 ° -121.308513 °	15
4	0.25	0.25	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.784316 ° -121.306498 °	37.784316 ° -121.306498 °	2 Y
5	0.26	0.26	Earthen Levee	Encroachments	WS	M	Garbage Inspector Comments: Trash left by vagrants seeking river access at abandoned trailer park is an ongoing problem at this location.	37.784289 ° -121.306493 °	37.784289 ° -121.306493 °	16
6	0.35	0.35	Earthen Levee	Encroachments	LS	M	Tree or limb Inspector Comments: Downed tree trunk on levee slope.	37.783337 ° -121.305260 °	37.783337 ° -121.305260 °	3 Y
7	0.37	0.37	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.783233 ° -121.305125 °	37.783233 ° -121.305125 °	4 Y
8	0.37	0.37	Earthen Levee	Erosion / Bank Caving	WS	W	Note and monitor erosion site. Inspector Comments: Vehicle traffic on levee slope due to public seeking river access at abandoned trailer park.	37.783233 ° -121.305123 °	37.783233 ° -121.305123 °	5
9	0.68	0.68	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Irrigation intake pump. Steel pipe runs through base of levee.	37.779550 ° -121.301987 °	37.779550 ° -121.301987 °	6 Y
10	0.76	0.76	Earthen Levee	Animal Control	WS	W	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.778798 ° -121.302885 °	37.778798 ° -121.302885 °	7
11	1.23	1.23	Earthen Levee	Encroachments	WS	M	Prunings Inspector Comments: Burn pile on levee slope.	37.774341 ° -121.307079 °	37.774341 ° -121.307079 °	8 Y
12	1.23	1.23	Earthen Levee	Encroachments	LS	C	Firewood Inspector Comments: Firewood placed on levee slope has been removed.	37.774357 ° -121.307118 °	37.774357 ° -121.307118 °	13
13	1.24	1.24	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Landscaping and fence present on levee slope.	37.774123 ° -121.307189 °	37.774123 ° -121.307189 °	17 Y
14	1.49	1.49	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Irrigation intake pump.	37.771636 ° -121.304773 °	37.771636 ° -121.304773 °	9 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River						Left	2.37	03/25/2010 03/25/2010	John Paasch

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	1.50	1.50	Earthen Levee	Encroachments	LS	C	Pipe Inspector Comments: PVC pipe has been removed from levee slope.	37.771483 ° -121.304777 °	37.771483 ° -121.304777 °	18
16	1.85	1.85	Earthen Levee	Seepage / Sandboils	LS	A	Inspector Comments: Old coffer dam built around seepage area during previous high water event remains in place. No record of repair or disrepair.	37.767480 ° -121.307840 °	37.767480 ° -121.307840 °	10 Y
17	2.21	2.21	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Irrigation intake pipe through levee freeboard.	37.762868 ° -121.309708 °	37.762868 ° -121.309708 °	11

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.37	03/25/2010 03/25/2010	John Paasch

Levee Mile Report Line	2
Start Levee Mile	0.03
End Levee Mile	0.03
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Photo of waterside slope. Stumps present from prior tree removal for access and visibility.

jpaasch_s_20100325_093.jpg



Levee Mile Report Line	4
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree stumps present on slope. They were left from prior vegetation removal for access and visibility.

jpaasch_s_20100325_094.jpg



Levee Mile Report Line	6
Start Levee Mile	0.35
End Levee Mile	0.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Tree trunk on landside levee slope.

jpaasch_s_20100325_095.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.37	03/25/2010 03/25/2010	John Paasch

Levee Mile Report Line	7
Start Levee Mile	0.37
End Levee Mile	0.37
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree stumps and trunks on levee slope. Vehicle traffic on levee slope is an ongoing problem at this location due to the abandoned trailer park, access should be restricted.

jpaasch_s_20100325_096.jpg



Levee Mile Report Line	9
Start Levee Mile	0.68
End Levee Mile	0.68
Location	Crown
Category	Earthen Levee
Item	Encroachments

Irrigation intake pipe runs through the base of the levee. Stand pipes on waterside and landside. A Butterfly valve is located near waterside slope.

jpaasch_s_20100325_097.jpg



Levee Mile Report Line	11
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Tree prunings have been piled for burning on levee slope.

jpaasch_s_20100325_098.jpg



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Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.37	03/25/2010 03/25/2010	John Paasch

Levee Mile Report Line	13
Start Levee Mile	1.24
End Levee Mile	1.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fall 2009 photo of landscape planting on landside levee slope and a 3-ft yard fence at the levee toe.

jpaasch_s_20100323_016.jpg



Levee Mile Report Line	14
Start Levee Mile	1.49
End Levee Mile	1.49
Location	Crown
Category	Earthen Levee
Item	Encroachments

Irrigation intake pipe through levee free board.

jpaasch_s_20100325_099.jpg



Levee Mile Report Line	16
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Crown
Category	Earthen Levee
Item	Seepage / Sandboils

Coffer dam built due to seepage during a previous high water event.

jpaasch_s_20100325_100.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2010 Levee Inspection Results

Reclamation District No. 2107

Waterway		Bank	Unit Miles
Unit No. 02 Paradise Cut		Right	1.84

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/25/2010 - 3/25/2010			
DWR Inspector	John Paasch			
Accompanied By	Robert Brown			

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Signature of LMA Representative

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut				Right	1.84	03/25/2010 03/25/2010	John Paasch

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.14	0.14	Earthen Levee	Animal Control	CR	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.761504 ° -121.311873 °	37.761504 ° -121.311873 °	1 Y
2	0.55	0.55	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Drainage discharge pump and pipe through levee freeboard.	37.764831 ° -121.317446 °	37.764831 ° -121.317446 °	2 Y
3	0.84	0.84	Earthen Levee	Trim / Thin Trees	WS	N	Tree stumps.	37.767792 ° -121.321220 °	37.767792 ° -121.321220 °	5 Y
4	1.29	1.29	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible. Inspector Comments: Recent wheel ruts may lead to a slope stability issue.	37.772075 ° -121.326684 °	37.772075 ° -121.326684 °	3 Y
5	1.52	1.52	Earthen Levee	Encroachments	LS	C	Pipe Inspector Comments: Short pipe segment left along levee toe has been removed.	37.774186 ° -121.329957 °	37.774186 ° -121.329957 °	4
6	1.53	1.53	Earthen Levee	Encroachments	CR	W	Pipe Inspector Comments: Drainage discharge into Paradise Cut. Gravity flow and pressure flow from sump pump if necessary. Power to pump disconnected. Pump in disrepair. No flap gates or closure devices.	37.774170 ° -121.329954 °	37.774170 ° -121.329954 °	6 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.84	03/25/2010 03/25/2010	John Paasch

Levee Mile Report Line	1
Start Levee Mile	0.14
End Levee Mile	0.14
Location	Crown
Category	Earthen Levee
Item	Animal Control

Animal burrowing activity on levee slope.

jpaasch_s_20100325_101.jpg



Levee Mile Report Line	2
Start Levee Mile	0.55
End Levee Mile	0.55
Location	Crown
Category	Earthen Levee
Item	Encroachments

Drainage discharge pump. Steel pipe penetrates levee freeboard. No flapgate on waterside. No closure device.

jpaasch_s_20100325_102.jpg



Levee Mile Report Line	3
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

Tree stumps on levee slope.

jpaasch_s_20100325_103.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2010

Reclamation District No. 2107

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	1.84	03/25/2010 03/25/2010	John Paasch

Levee Mile Report Line	4
Start Levee Mile	1.29
End Levee Mile	1.29
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Fall 2009 photo of wheel ruts on landside levee slope.

jpaasch_s_20100323_018.jpg



Levee Mile Report Line	6
Start Levee Mile	1.53
End Levee Mile	1.53
Location	Crown
Category	Earthen Levee
Item	Encroachments

Drainage discharge pump inoperable. Parallel gravity drainage to Paradise Cut.

jpaasch_s_20100325_104.jpg



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